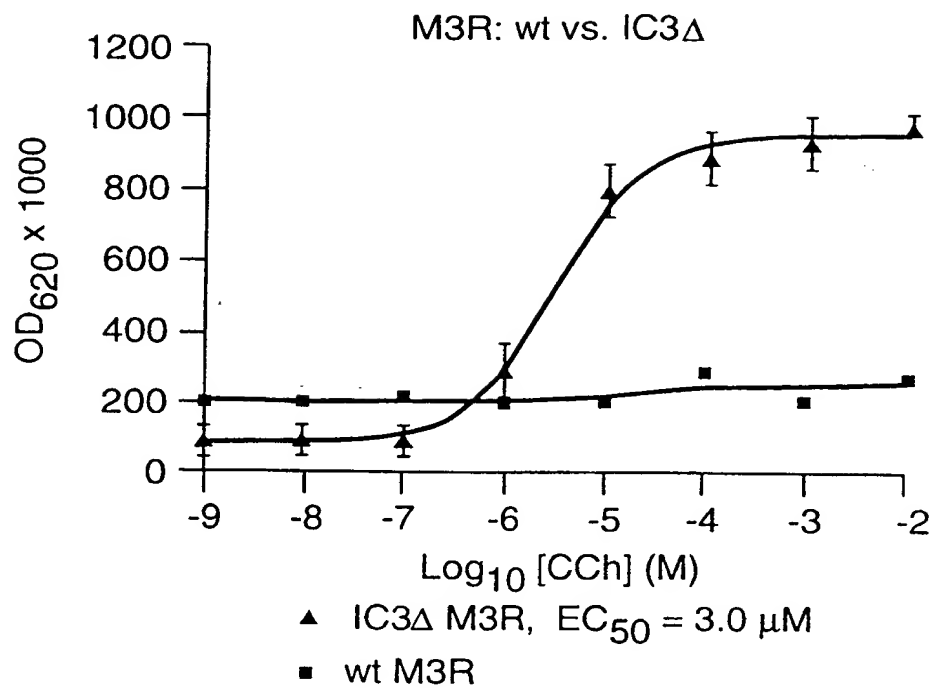
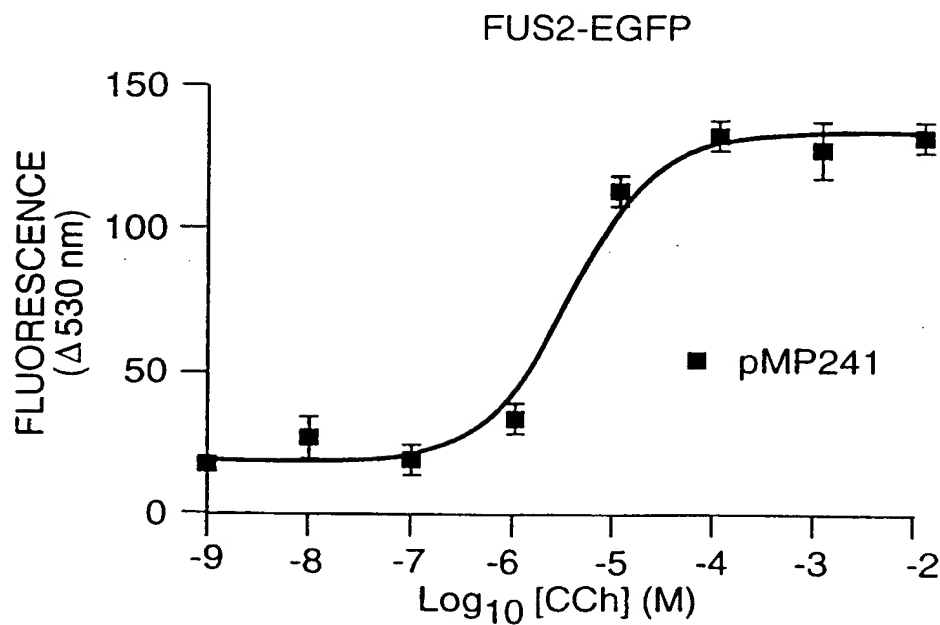
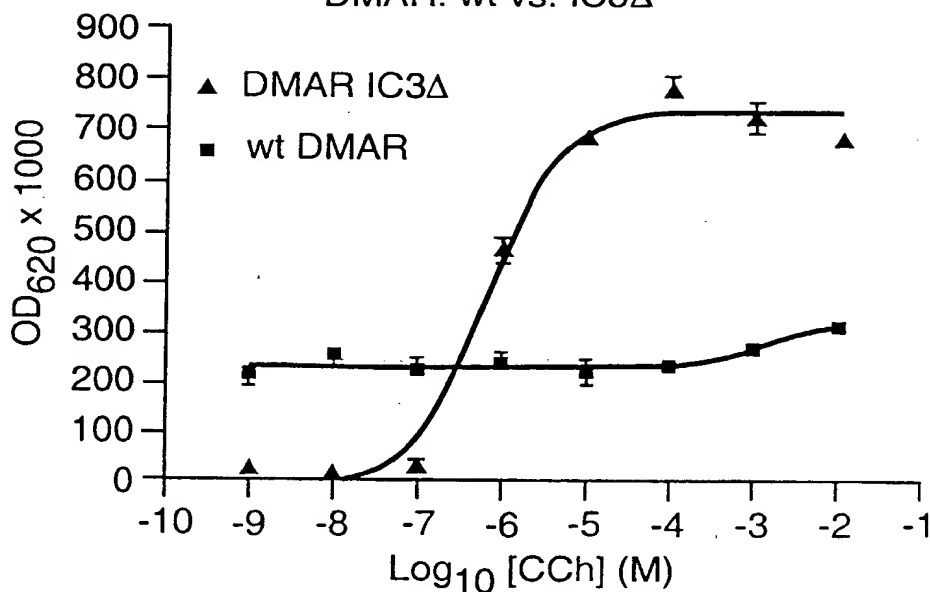
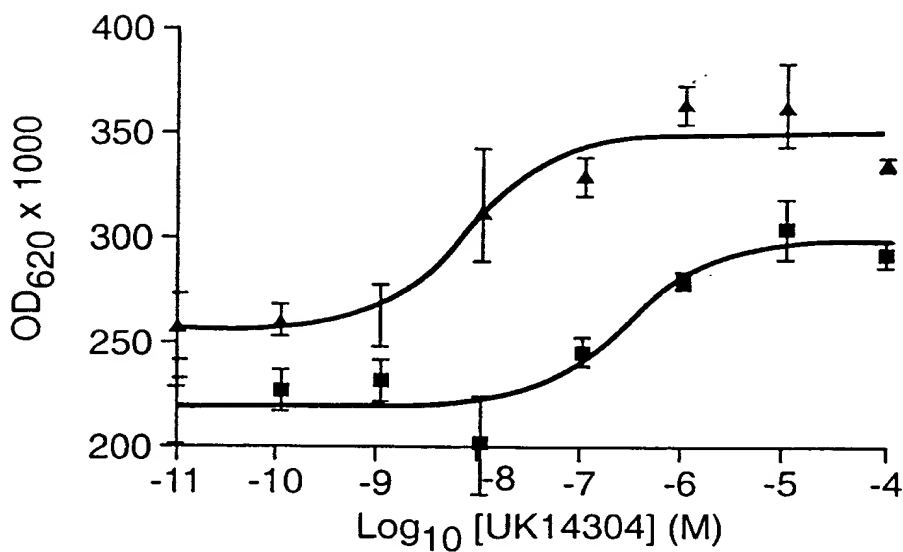


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**FIG. 1A****FIG. 1B**

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DMAR: wt vs. IC3Δ

**FIG. 2** α_{2a} - ADRENERGIC RECEPTOR■ IC3Δ, EC₅₀ = 270 nM▲ IC3Δ CAM (T373K), EC₅₀ = 7.4 nM**FIG. 5**

SUBSTITUTE SHEET (RULE 26)

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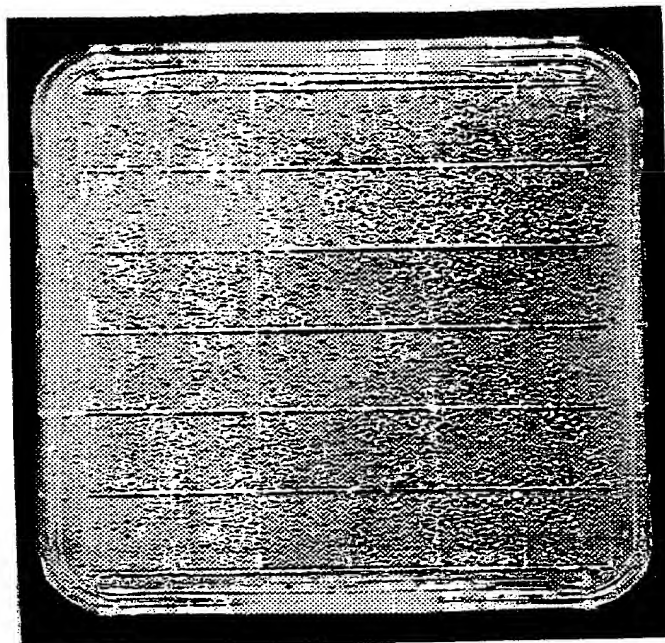


FIG. 3A

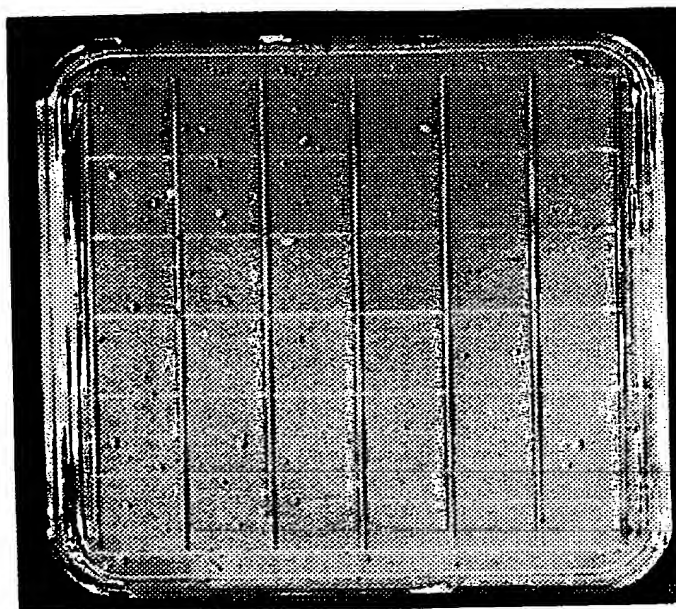


FIG. 3B

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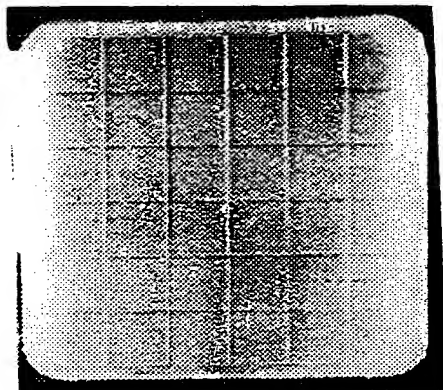


FIG. 4A

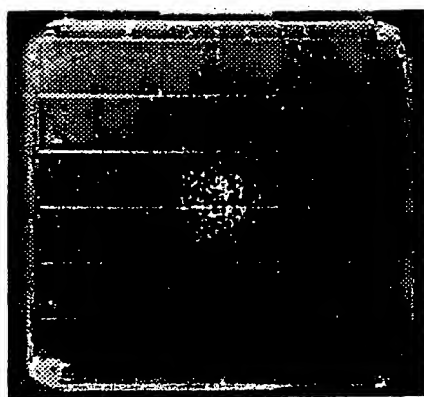
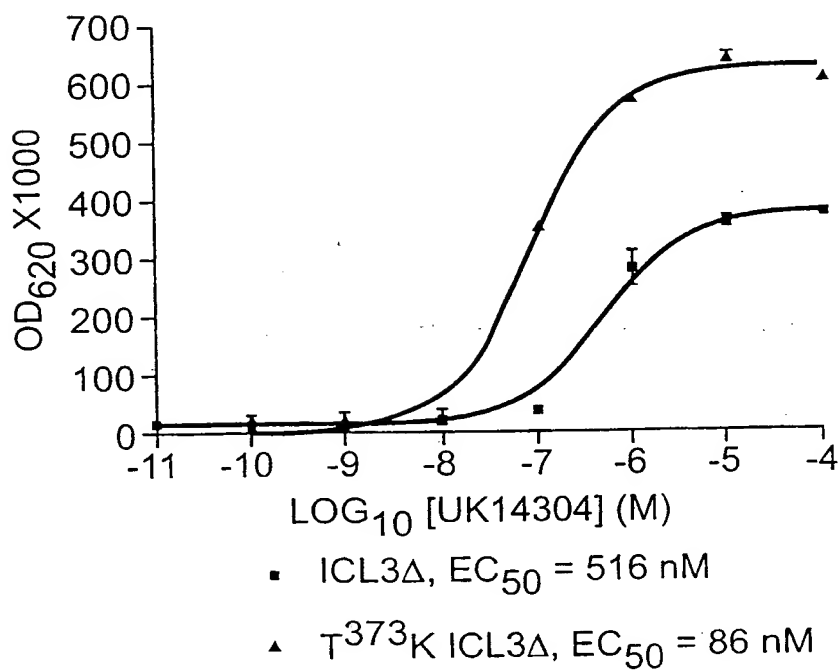


FIG. 4B

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h α _{2a}AR (5 mM AT)



h α _{2a}AR (5 mM AT)

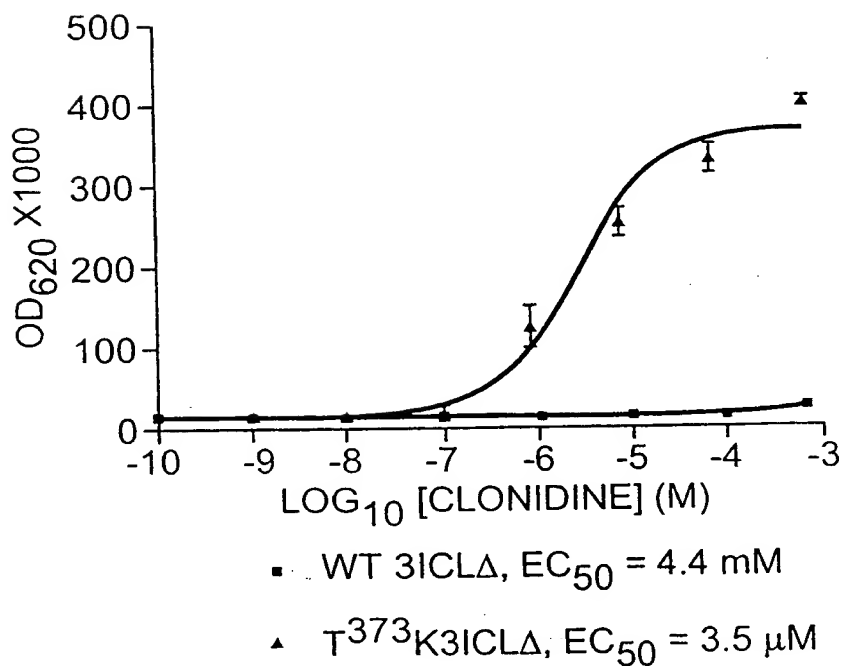


FIG. 6

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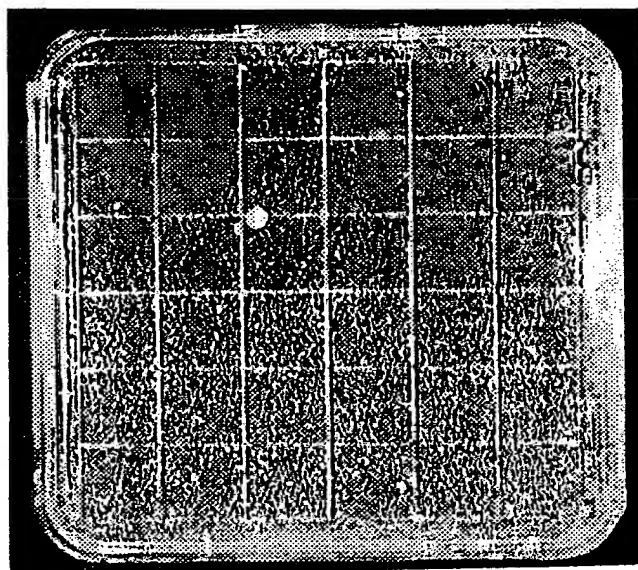


FIG. 7A

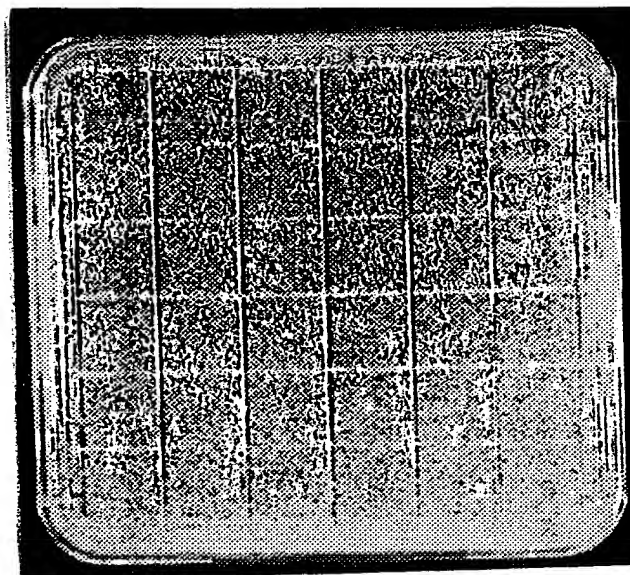
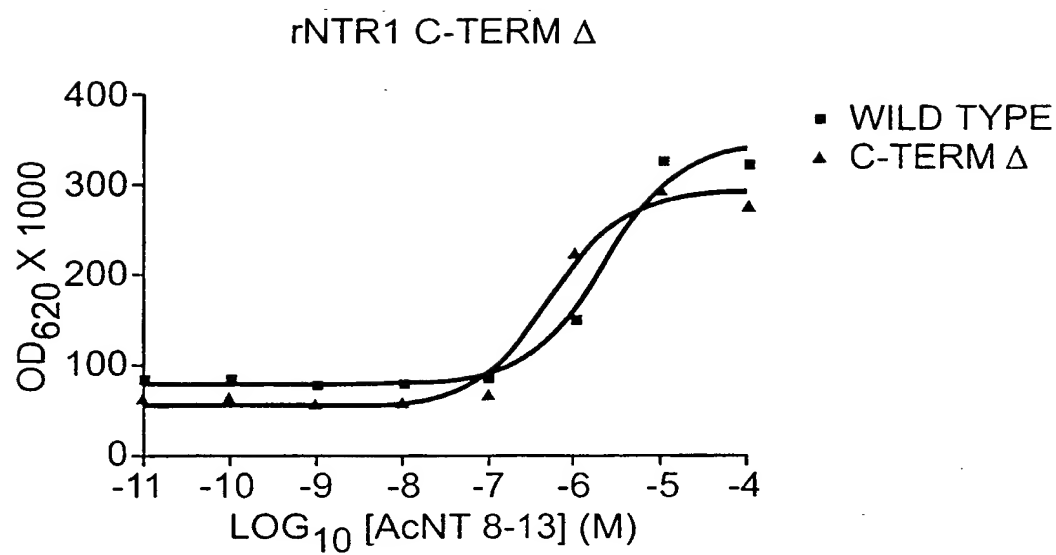


FIG. 7B

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**FIG. 8**

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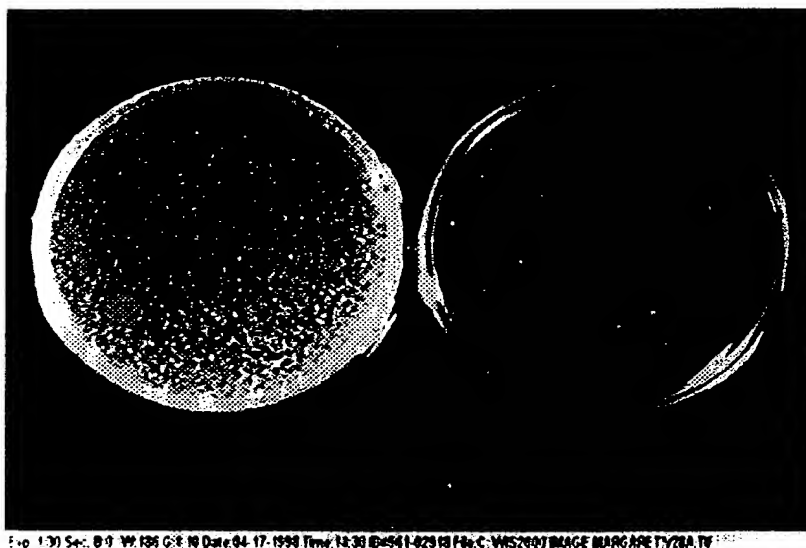


FIG. 9A

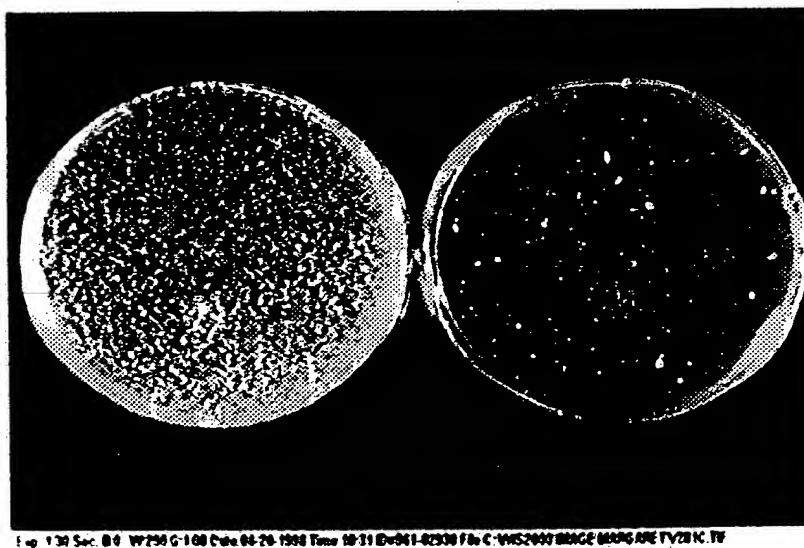
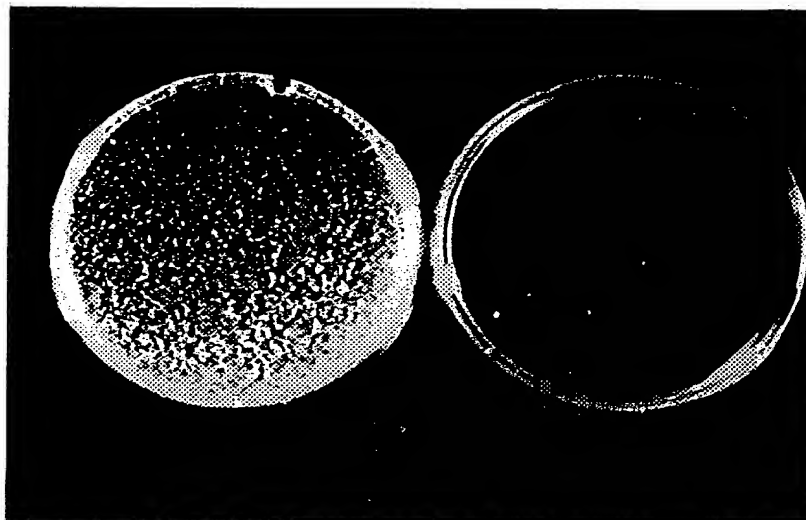


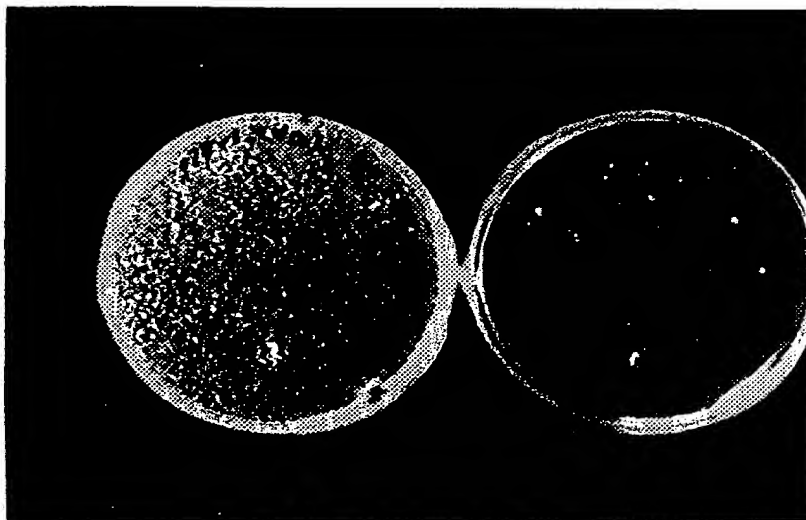
FIG. 9B

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Exp: 1.30 Sec: 0.0 W: 100 G: 1.00 Date: 04-17-1998 Time: 14:28 ID: 501-025 M File: C:\MS2000\IMAGE\IMAGE ARE TV\148.TIF

FIG. 9C



Exp: 1.30 Sec: 0.0 W: 100 G: 1.00 Date: 04-17-1998 Time: 14:28 ID: 501-025 M File: C:\MS2000\IMAGE\IMAGE ARE TV\148.TIF

FIG. 9D

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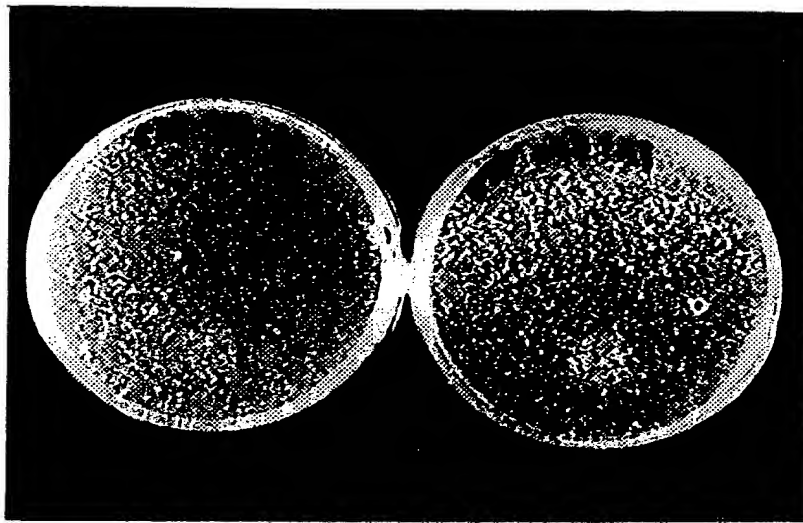


Fig. 10A

FIG. 10A

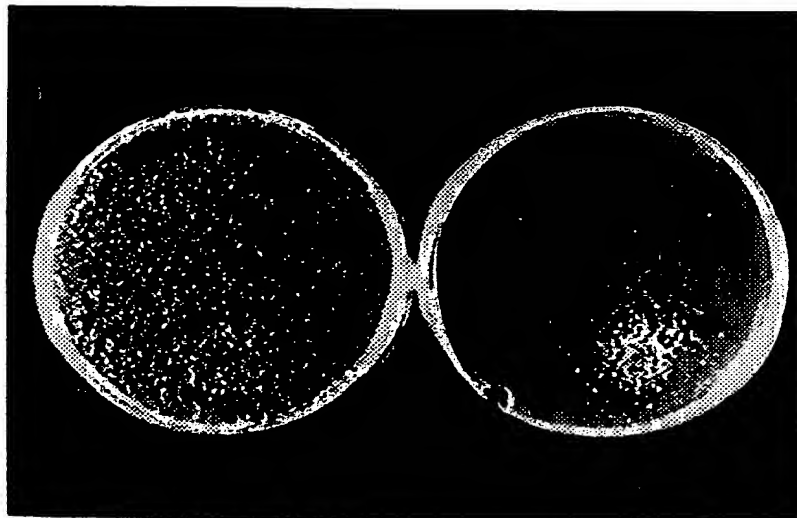


Fig. 10B

FIG. 10B

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GROWTH RESPONSES ELICITED BY VARIOUS GPCRS EXPRESSED IN CHIMERIC G PROTEIN STRAINS

YEAST STRAINS CONTAINING CHIMERIC GPA1 ALLELES

GPCR	GPA1	α i2	α i3	α o	α q	α s	α z	α 12	α 13	α 14	α 16
SSTR2	+	+		+			+				+
A2aR	+					+					+
M3 MAR	-				+						+
Dm MAR	-				+						+
NTR1	+				+	-					+
MCR4	+					+					+
CCK-B-R	+				+						+
CCK-A-R	+				+						+
β 2-AR	-					+					+
α 2A-AR	+	+		+			+				
AcOAR	+					+					
H3R	-	-		+			-				
GnRHR	-				+						
BRS3	-						+				
V2R	+				-	+					

FIG. 11

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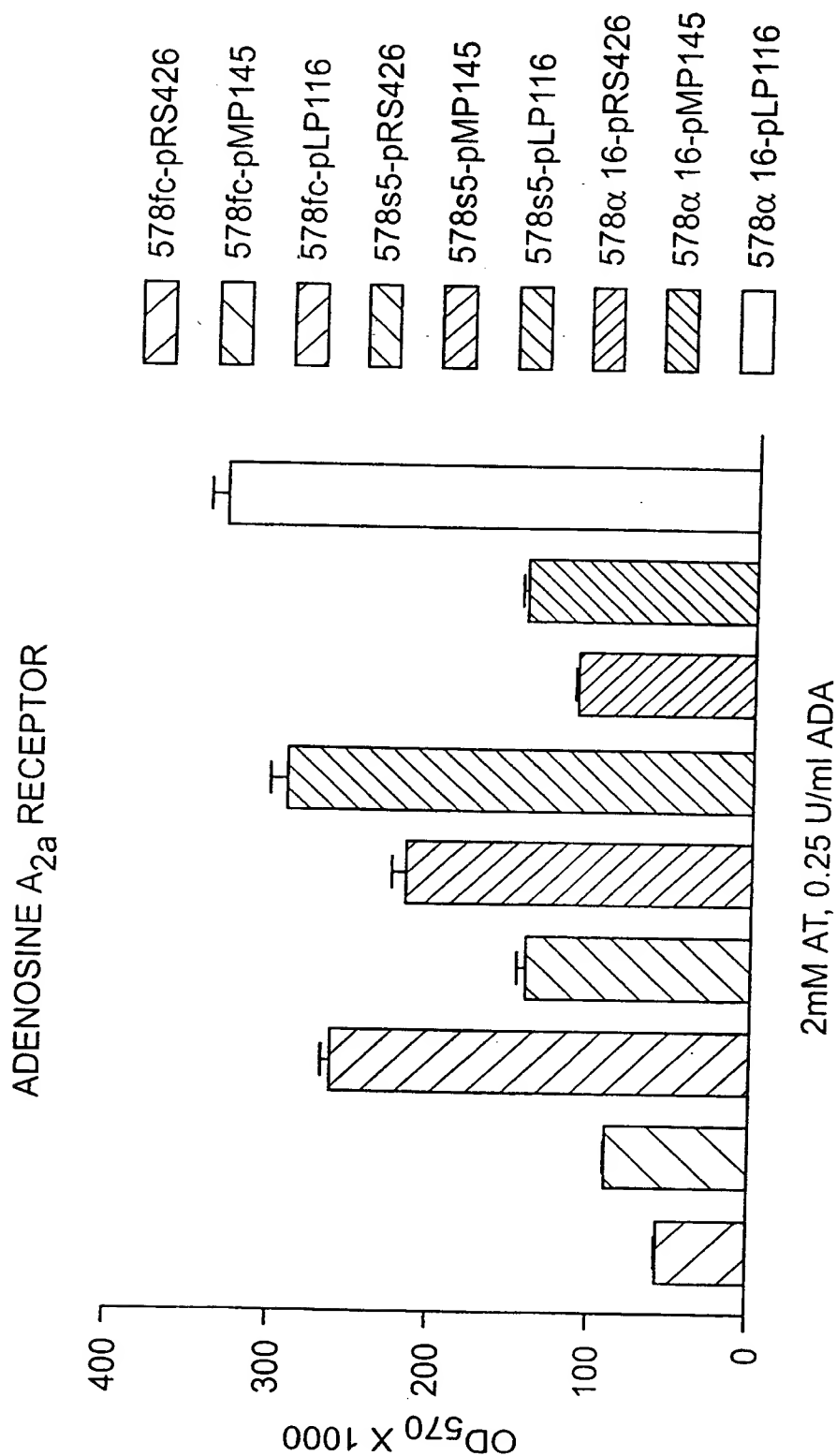


FIG. 12